

DESCRIPTION

Bellcom CAT6 pass-through RJ45 ends are modular 8P8C plugs designed for terminating CAT6 network cables. The pass-through style supports easier conductor alignment before crimping, while the transparent housing helps verify wiring position during termination.

KEY FEATURES

- 50 micro-inch gold plated contacts
- Works on stranded or solid conductors
- Pass-through transparent housing for easy conductor alignment
- 8 pins x 8 conductors modular plug configuration
- Fits 23 AWG wires under 1.5 mm OD
- Fits cables with jacket outer diameter under 8.0 mm
- 25 pieces per bag

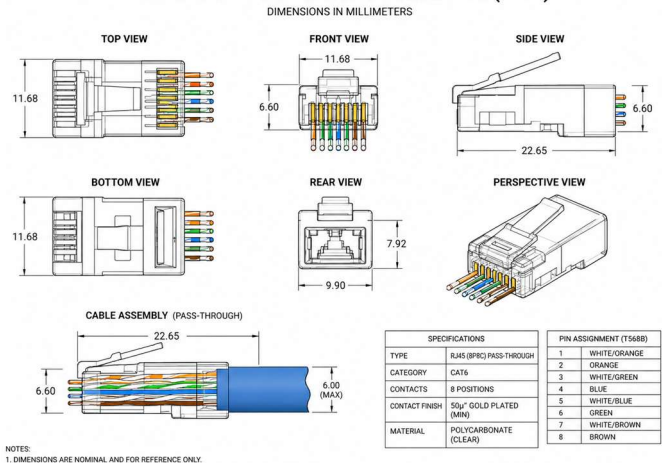
APPLICATIONS

- CAT6 cable termination
- Network patch cord assembly
- Structured cabling installations
- Data, voice, and low-voltage network connections
- Use with compatible solid or stranded UTP conductors

PRODUCT SUMMARY

Property	Specification
Product Type	CAT6 pass-through RJ45 plug / modular connector
Category	CAT6
Connector Format	RJ45 / 8P8C
Contacts	50 micro-inch gold plated
Conductor Compatibility	Solid or stranded conductors
Wire Size	23 AWG
Cable Jacket OD	Under 8.0 mm
SKU	BC6-PTRJ45

CAT6 PASS-THROUGH RJ45 CONNECTOR (8P8C)



CAT6 Pass Through RJ45 Plug

CONSTRUCTION & CHARACTERISTICS

Component	Property	Specification
Connector	Format	RJ45 modular plug / 8P8C
Connector	Pin / Conductor Count	8 pins x 8 conductors
Contacts	Plating	50 micro-inch gold plated contacts
Housing	Material	Polycarbonate, transparent
Contact Blade	Material	Copper alloy, 3-prong
Cable Compatibility	Conductor Type	Solid or stranded conductors
Cable Compatibility	Conductor Size	23 AWG; wire OD under 1.5 mm
Cable Compatibility	Cable Jacket OD	Under 8.0 mm

TECHNICAL DATA

Category	Property	Specification
Connector	Product Type	CAT6 pass-through RJ45 ends
Connector	Plug Configuration	RJ45 / 8P8C
Contacts	Contact Finish	50 micro-inch gold plated
Contacts	Contact Blade	Copper alloy, 3-prong
Housing	Material / Color	Transparent polycarbonate
Compatibility	Conductor Type	Solid and stranded conductors
Compatibility	Wire Gauge	23 AWG
Compatibility	Wire OD	Under 1.5 mm OD
Compatibility	Cable Jacket OD	Under 8.0 mm OD
Electrical	Insulation Resistance	100 mOhm
Electrical	Termination Resistance	20 mOhm maximum
Mechanical	Cable-To-Plug Tensile Strength	20 lb minimum
Mechanical	Durability	200 mating cycles

MECHANICAL PERFORMANCE

Property	Specification
Cable-to-plug tensile strength	20 lb minimum
Durability	200 mating cycles
Termination type	Crimp-on modular plug
Housing	Transparent body

INSTALLATION NOTES

- Use with compatible CAT6 cable and RJ45 crimping tool.
- Verify conductor order and trim pass-through conductors flush before final crimping.
- Confirm cable jacket OD and conductor size are within listed limits.
- Test assembled cables after termination to confirm network performance.
- Compatible with solid and stranded conductors as specified.

ORDERING INFORMATION

SKU	Product Description
BC6-PTRJ45	Bellcom Technologies CAT6 Pass Through RJ45 Ends / 8P8C Modular Plugs

Confirm packaging quantity, cable type, and project requirements at time of order.